



Archaeological Resources

Airport Vicinity Development Checklist

Parking Study

Trip Generation Comparison

Parking Master Plan

Arizona Flow Testing LLC

HYDRANT FLOW TEST REPORT

Project Name:	McDowell Storage
Project Address:	7025 East McDowell Road, Scottsdale, Arizona, 85257
Client Project No.:	Not Provided
Arizona Flow Testing Project No.:	19341
Flow Test Permit No.:	C59586
Date and time flow test conducted:	September 10, 2019 at 8:00 AM
Data is current and reliable until:	March 10, 2020
Conducted by:	Floyd Vaughan – Arizona Flow Testing, LLC (480-250-8154)
Witnessed by:	Ray Padilla – City of Scottsdale-Inspector (602-541-0586)

Raw Test Data

Static Pressure: **82.0 PSI**
(Measured in pounds per square inch)

Residual Pressure: **64.0 PSI**
(Measured in pounds per square inch)

Pitot Pressure: **26.0 PSI**
(Measured in pounds per square inch)

Diffuser Orifice Diameter: One 4-inch Pollard Diffuser
(Measured in inches)

Coefficient of Diffuser: .9

Flowing GPM: **2,191 GPM**
(Measured in gallons per minute)

GPM @ 20 PSI: **4,273 GPM**

Data with 10 % Safety Factor

Static Pressure: **73.8 PSI**
(Measured in pounds per square inch)

Residual Pressure: **55.8 PSI**
(Measured in pounds per square inch)

Distance between hydrants: Approx. 90 Feet

Main size: Not Provided

Flowing GPM: **2,191 GPM**

GPM @ 20 PSI: **3,958 GPM**

Flow Test Location

North ↑

